Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-380 Title: SYNCHRONOUS MEMORY DEVICE FOR PREVENTING ERRONEOUS OPERATION DUE

(310) 207-3800

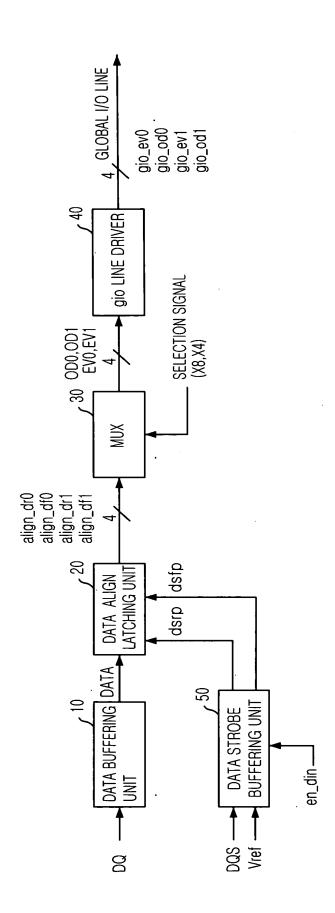
TO DOS RIPPLE

1st Named Inventor: Sang-Hee LEE

Express Mail No.: EV339910181US

Sheet: 1 of 15

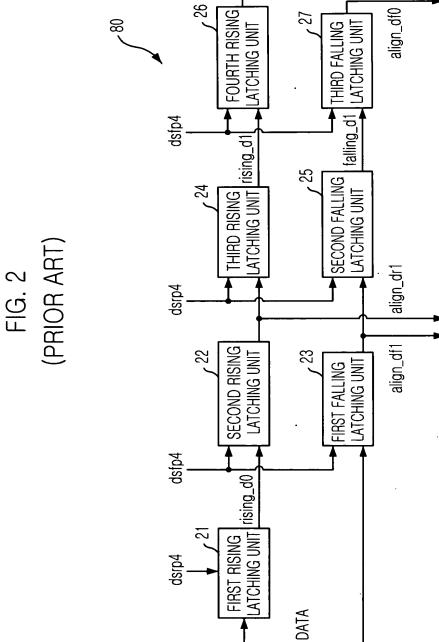
FIG. 1 (PRIOR ART)



Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-3800 Title: SYNCHRONOUS MEMORY DEVICE FOR PREVENTING ERRONEOUS OPERATION DUE Blakely, Sokoloff, Taylor & Zafman LLP

TO DQS RIPPLE

1st Named Inventor: Sang-Hee LEE Express Mail No.: EV339910181US Sheet: 2 of 15



Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-3800 Title: SYNCHRONOUS MEMORY DEVICE FOR PREVENTING ERRONEOUS OPERATION DUE

TO DOS RIPPLE

1st Named Inventor: Sang-Hee LEE

Express Mail No.: EV339910181US

Sheet: 3 of 15

Docket No.: 51876P443

4 $\overline{\omega}$ ω

Blak ly, Sokoloff, Taylor & Zafman LLP (310) 207-3800 Title: SYNCHRONOUS MEMORY DEVICE FOR PREVENTING ERRONEOUS OPERATION DUE

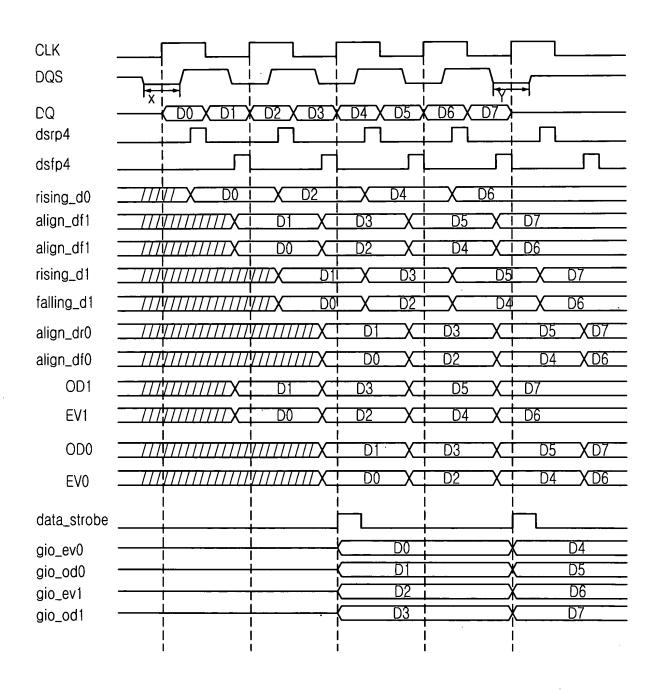
TO DQS RIPPLE

1st Named Inventor: Sang-Hee LEE

Express Mail No.: EV339910181US

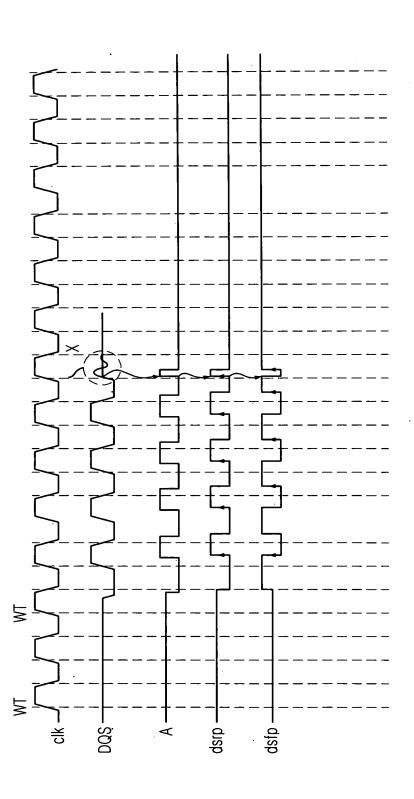
Sheet: 4 f 15

FIG. 4 (PRIOR ART)



Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-3800
Title: SYNCHRONOUS MEMORY DEVICE FOR PREVENTING ERRONEOUS OPERATION DUE

T DOS RIPPLE
1st Named Inventor: Sang-Hee LEE
Express Mail No.: EV339910181US
Sheet: 5 of 15



Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-3800 Title: SYNCHRONOUS MEMORY DEVICE FOR PREVENTING ERRONEOUS OPERATION DUE

1st Named Inventor: Sang-Hee LEE Express Mail No.: EV339910181US

Sheet: 6 of 15

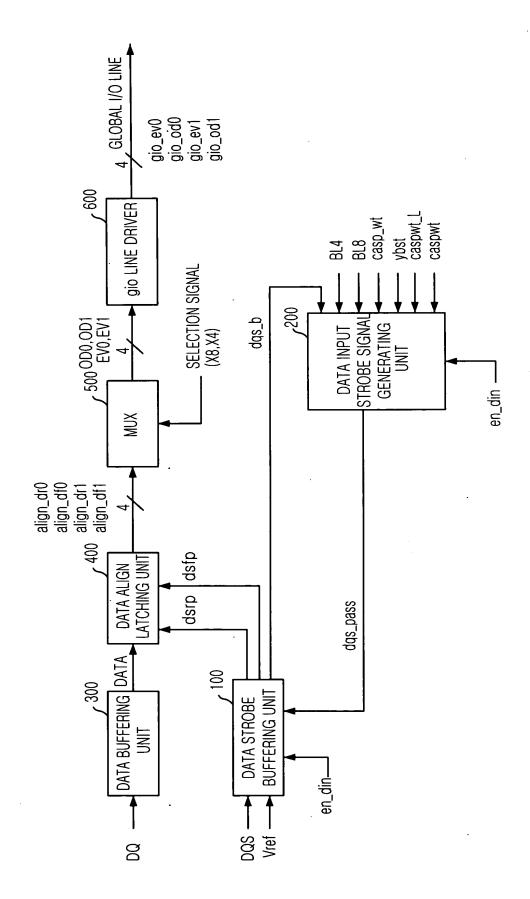
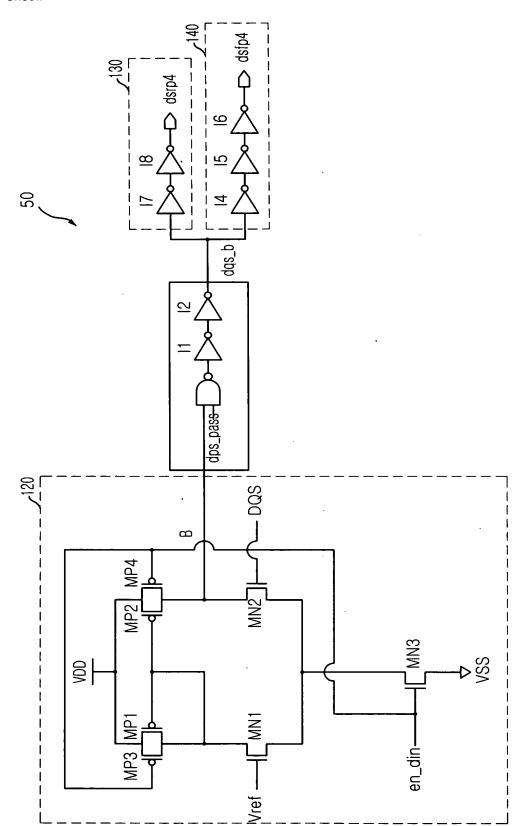


FIG. 6

To DOS RIPPLE
1st Named Inventor: Sang-Hee LEE
Express Mail No.: EV339910181US
Sheet: 7 of 15



Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-3800 Title: SYNCHRONOUS MEMORY DEVICE FOR PREVENTING ERRONEOUS OPERATION DUE TO DQS RIPPLE

1st Named Inventor: Sang-Hee LEE

Express Mail No.: EV339910181US

Sheet: 8 of 15 Docket No.: 51876P443 200 en_din 읡 ₽ SS pass_stop aaa ş ISI IEI BL4 casp_wt

(310) 207-3800

Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-3800 Title: SYNCHRONOUS MEMORY DEVICE FOR PREVENTING ERRONEOUS OPERATION DUE

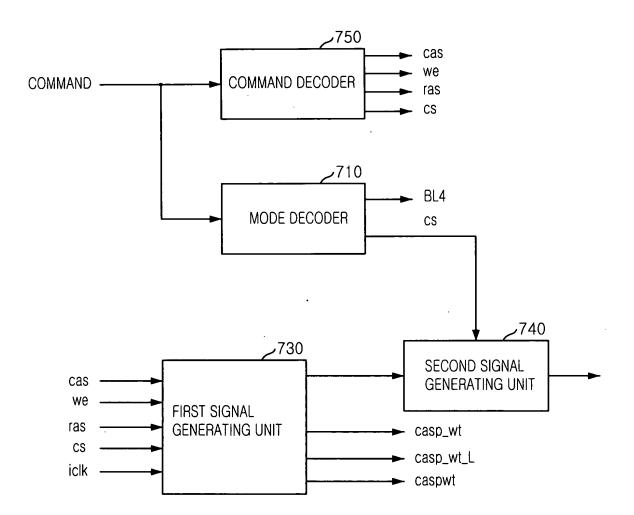
TO DQS RIPPLE

1st Named Inventor: Sang-Hee LEE Express Mail No.: EV339910181US

Docket No.: 51876P443

Sheet: 9 of 15

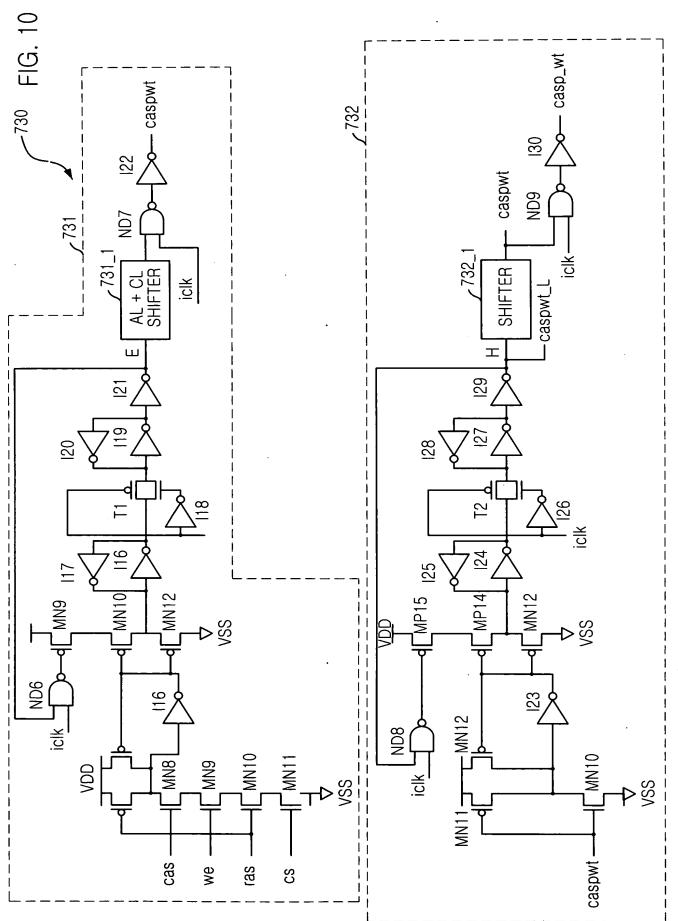
FIG. 9



Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-3800 Title: SYNCHRONOUS MEMORY DEVICE FOR PREVENTING ERRONEOUS OPERATION DUE

TO DQS RIPPLE

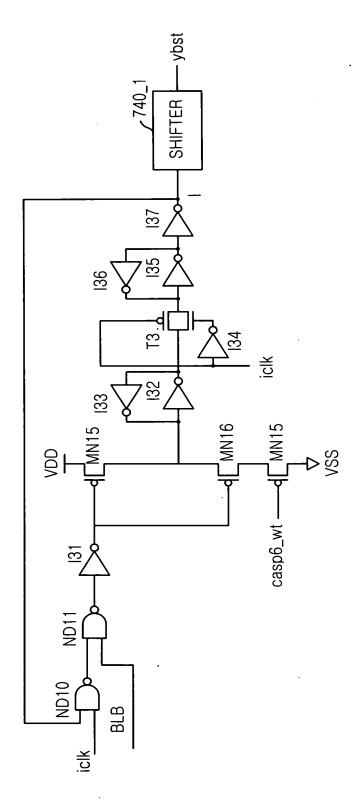
1st Named Inventor: Sang-Hee LEE Express Mail No.: EV339910181US Sheet: 10 of 15



Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-380 Title: SYNCHRONOUS MEMORY DEVICE FOR PREVENTING ERRONEOUS OPERATION DUE

TO DQS RIPPLE

1st Named Inventor: Sang-Hee LEE Express Mail No.: EV339910181US Sheet: 11 of 15



Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-380 Title: Synchronous memory device for preventing erroneous operation due (310) 207-3800

TO DOS RIPPLE

1st Named Inventor: Sang-Hee LEE Express Mail No.: EV339910181US Sheet: 12 of 15

FIG. 12A

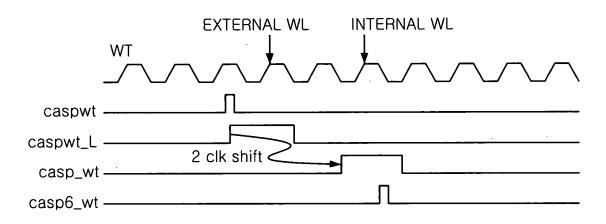
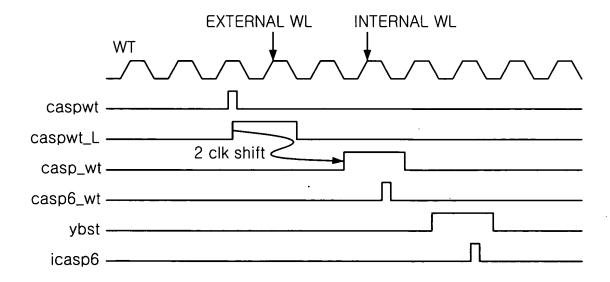


FIG. 12B

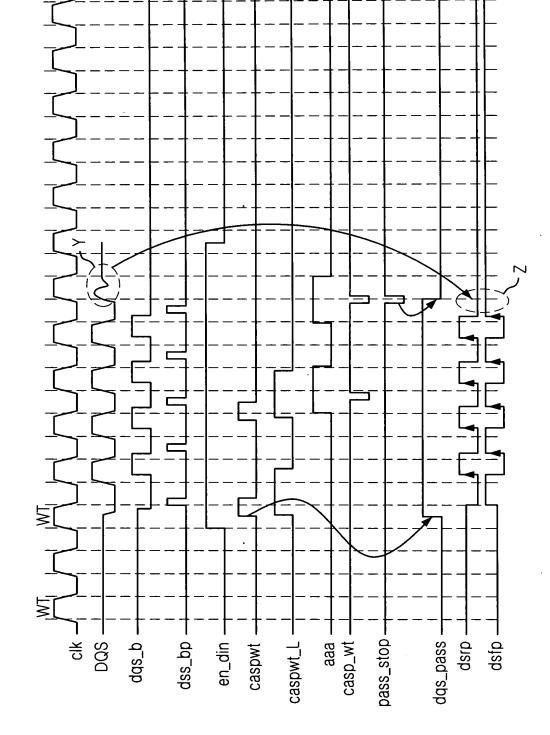


TO DOS RIPPLE

1st Named Inventor: Sang-Hee LEE

Express Mail No.: EV339910181US

Sheet: 13 of 15

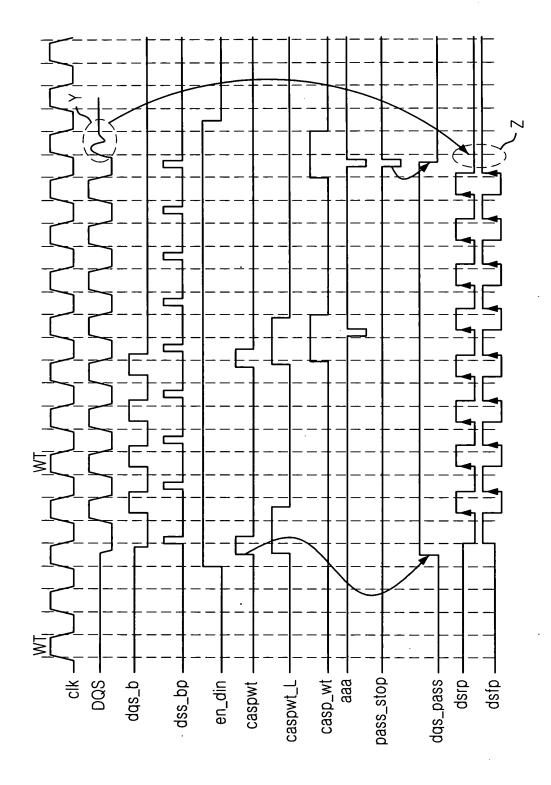


TO DOS RIPPLE

1st Named Inventor: Sang-Hee LEE

Express Mail No.: EV339910181US

Sheet: 14 of 15



(310) 207-3800

Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-380 Title: SYNCHRONOUS MEMORY DEVICE FOR PREVENTING ERRONEOUS OPERATION DUE

TO DQS RIPPLE

1st Named Inventor: Sang-Hee LEE Express Mail No.: EV339910181US Sheet: 15 of 15

FIG. 15

